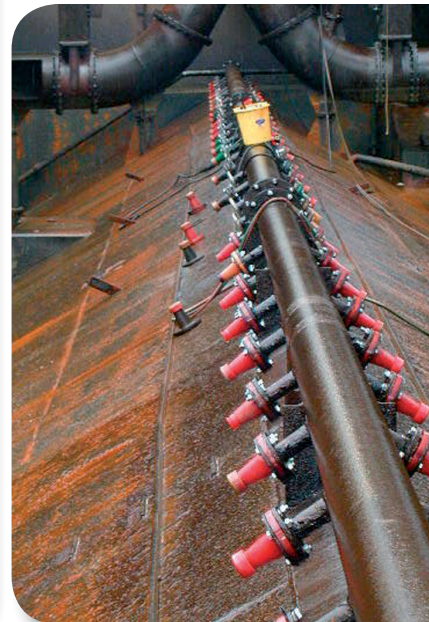
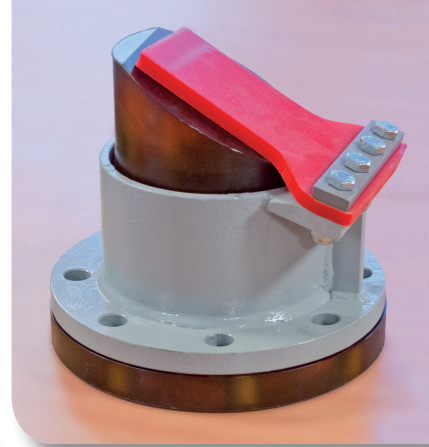


Nozzles

In the dredging and shipping industries nozzles are used to rinse out the hopper in which the dredged materials are stored. Nozzles are also used in the drag heads on dredgers to cut the sediment on the river or sea bed. The pressure and speed with which this is done, wears the nozzles.

In collaboration with our specialised partner in the field of polyurethane applications, Matecs has developed and tested various nozzles for the aforementioned applications. These are particularly wear resistant and easy to fit, meaning that replacement is required less frequently but fast when it is necessary. Moreover, our nozzles are lighter: they can be replaced manually, which is particularly pleasant for users having to replace large numbers of nozzles. The nozzles have been further developed on the basis of customer experiences. They now have shut-off flaps to prevent the rinsed material from flowing back into the pipes. These can be replaced separately which, besides being cost effective, also reduces material wastage.

One of the latest developments are the use of so-called nozzle inserts. Using polyurethane inserts almost completely prevents the (metal) casing from wearing. Consequently, only part of the nozzle needs to be replaced. The delivery times for nozzles from our standard range are short but so too are the delivery times for any custom-made nozzles we develop for or together with you. We can offer short delivery times for both nozzles from our standard range and any custom-made nozzles we develop for or together with you. We can also even keep nozzles in stock for you, so that you only need allow time for transportation.



Product range

Application areas

The dredging, shipping, mining and offshore industries.

The product range includes:

Polyurethane and/or cast iron jet nozzles for use in the hold.

Polyurethane jet nozzles for use on the drag head.

Custom-made nozzles.

Replacement of previously supplied nozzles or earlier designs.



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Matecs is an extremely strong and reliable partner for total metal solutions: From small to large, from straightforward to the most precise and complex jobs. We are at our best when we are able to take work off your hands, from beginning to end: with tailored advice, (pre-)engineering, construction work, total production, (CNC) metalworking, assembly, revision and overhaul, purchase support, outsourcing, and logistics.

For the latest information, please see www.matecs.nl

